



The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

Company	Mark Reynolds	Resident Agent
OGM	Pete Hess	Environmental Scientist III

Inspection Report

Permit Number:	C0150025
Inspection Type:	PARTIAL
Inspection Date:	Monday, July 19, 2004
Start Date/Time:	7/19/2004 2:10:00 PM
End Date/Time:	7/19/2004 3:40:00 PM
Last Inspection:	Tuesday, June 29, 2004

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, hot; 90's F.-

InspectionID Report Number: 338

Accepted by: whedberg

8/8/2004

OK

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

3,336.18	Total Permitted
36.64	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The current State permit contains three special conditions, two of which are no longer pertinent; 1) The sealing of the Bear Canyon #1 Mine on January 10, 2004 ended the possibility of transferring intercepted ground water into the old mine workings above the Big Bear and Birch springs. 2) Initiation of mining in the #3 Mine of the Wild Horse Ridge area required a Federal Mine Plan approval for Federal coal leases U-038727 and U-0020668. The last condition which remains pertinent is that the permittee must submit all water monitoring information to the Division electronic web site. The permittee is currently in compliance with this requirement.

Inspector's Signature

Date Wednesday, July 21, 2004

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Topsoil

The permittee has reclaimed approximately eighty additional feet of access road on retreat from the #2 Mine (Tank seam) located on the West side of the Bear Creek drainage. The topsoil volume being used here is being recovered from the storage pile located at the last switchback on the #2 Mine road.

4.a Hydrologic Balance: Diversions

Notice of Violation N04-46-2-2, 1 of 2 was issued to the permittee on June 29, 2004, for placing mine development waste in ditches D-30U and D-37U, rendering them incapable of functioning. The diversions were inspected this day and were found to be capable of functioning as designed. The permittee removed the waste, and disposed of that material in accordance with the approved mining and reclamation plan. N04-46-2-2, 1 of 2 was terminated during today's inspection.

4.c Hydrologic Balance: Other Sediment Control Measures

Notice of Violation N04-46-2-2, 2 of 2 was issued to the permittee on June 29, 2004 for failure to maintain the #3 catch basin located on the #4 Mine portal pad. Once again, mine development waste had been placed in an area where it should not have been placed. The sediment containment / treatment capacity of basin #3 had been reduced by placing waste material within the designed storage capacity. Also, the flow path which intercepted runoff from the #4 Mine pad would require to flow into catch basin #3 was blocked with the same mine development waste material. Inspection of the #3 basin this day revealed that all coal waste had been removed from not only the basin treatment volume, but from the flow path reporting runoff. The violation was terminated during today's inspection. The permittee needs to provide a P.E. certified "as-built" for catch basin #3 to bring the mining and reclamation plan for this sediment control measure into compliance. There are several silt fences located in the Wild Horse Ridge addition of the permit area that have not been installed according to the specifications depicted on FIGURE 7.2-15, Chapter 7, page 7-105 of the approved mining and reclamation plan. This was pointed out to Mr. Reynolds, and it was suggested that the fences in question be reinstalled in accordance with the approved plan. The permittee mentioned this day that surface personnel have inquired about the permitting of an old exploration road for the purpose of providing a snow storage areas. An extension of the disturbed area perimeter in the vicinity of ditch D-37U (second switchback below the #4 Mine) would be required. Drainage control and treatment for the snowmelt reporting from the area were discussed. It is not known how much of a priority this topic is, and if a permitting amendment will be submitted in the near future.

5. Explosives

The permittee has relocated the explosives storage magazine from the last switchback below the #4 Mine to the creek crossing accessing the main topsoil pile for the right fork mine development. The permittee needs to submit an updated mine facilities map for this new location for the explosives storage magazine to meet the requirements of R645-301-512.120, and 521.167.

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7. Coal Mine Waste, Refuse Piles, Impoundments

The manufacture of mine development waste from the #4 Mine is believed to be close to ending or complete. Mr. Reynolds indicated that active coal production is now occurring in the #4 Mine.

13. Revegetation

As noted elsewhere in this report, additional backfilling, grading and topsoiling has occurred on the #2 Mine access road. The permittee needs to roughen these backfilled areas more for the purpose of additional sediment control, and enhancement of revegetation potential.

16.b Roads: Drainage Controls

The permittee needs to reinstall the straw bales located at the bottom of the Right Fork access road such that flows do not bypass the treatment mechanism.